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AN 08-40BC639-2

HANDBOOK OF MAINTENANCE INSTRUCTIONS

FOR

RADIO RECEIVER

BC-639-A

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SECTION VII
TABLE OF REPLACEABLE PARTS

44. TABLE OF REPLACEABLE PARTS.

Ref. No.	*Stock No.*	*Name*	*Description*	*Function*	*Mfr.*	*Bendix Drawing Nos.*
200	2Z7242-96	Antenna socket	Single-contact	Antenna coupling	Bendix	AC58585-1
201	2C4439A/A1/1	Inductor	2-turns No. 14 A.W.G. soft-drawn tinned copper (replace entire R-F assembly, 275)	Antenna coil	Bendix	A105064
202	2C4439A/A1/20	Capacitor	Variable, 3-section, ganged (replace entire assembly 275)	R-f tuning	Bendix	L72799-2 or AN91408-2
203	3D9015-16	Capacitor	15mmf ±20%, 500v d-c test, mica, aged, Aerovox Type 1468ST or 1468LST, C.D. Type 5WST or 5WLST, Micamold Type O or OXM, Sangamo Type K, Solar Type MOFW or MOCW (replaceable with much difficulty,—replace entire assembly in which used)	R-f grid coupling	Aerovox, C.D., Micamold, Sangamo, Solar	C58469-150
204-1	2C4439A/A1/3	Capacitor	Variable Trimmer part of Ref. No. 202 (Note A)	R-f grid trimmer	Bendix	
204-2		Capacitor	Same as 204-1 (Note A)	R-f plate trimmer	Bendix	
204-3		Capacitor	Same as 204-1 (Note A)	Mixer grid trimmer	Bendix	
204-4		Capacitor	Variable trimmer, (Note A) part of Ref. No. 218	Doubler plate trimmer	Bendix	
204-5		Capacitor	Same as 204-4 (Note A)	Osc. tank trimmer	Bendix	
205-1	3DA1-58	Capacitor	680 mmf ±20%, 500v d-c test, mica, aged, Aerovox Type 1468ST or 1468LST, C.D. Type 5WST or 5WLST, Micamold Type O or OXM, Sangamo Type K, Solar Type MOFW or MOCW (Note A)	R-f a-v-c filter	Aerovox, C.D., Micamold, Sangamo, Solar	C58469-681

NOTE A, Replace entire assembly in which this item is used.

Ref. No.	Stock No.	Name	Description	Function	Mfr.	Bendix Drawing Nos.
205-2		Capacitor	Same as 205-1 (Note A)	R-f cathode bypass	Aerovox, C.D., Micamold, Sangamo, Solar	C58469-681
205-3		Capacitor	Same as 205-1 (Note A)	R-f heater bypass	Aerovox, C.D., Micamold, Sangamo, Solar	C58469-681
205-4		Capacitor	Same as 205-1 (Note A)	R-f plate to cathode bypass	Aerovox, C.D., Micamold, Sangamo, Solar	C58469-681
205-5		Capacitor	Same as 205-1 (Note A)	R-f screen bypass	Aerovox, C.D., Micamold, Sangamo, Solar	C58469-681
205-6		Capacitor	Same as 205-1 (Note A)	R-f plate to ground bypass	Aerovox, C.D., Micamold, Sangamo, Solar	C58469-681
205-7		Capacitor	Same as 205-1 (Note A)	Mixer cathode bypass	Aerovox, C.D., Micamold, Sangamo, Solar	C58469-681
205-8		Capacitor	Same as 205-1 (Note A)	Mixer heater bypass	Aerovox, C.D., Micamold, Sangamo, Solar	C58469-681
*205-9		Capacitor	Same as 205-1 (Note A)	Mixer screen bypass	Aerovox, C.D., Micamold, Sangamo, Solar	C58469-681
205-10		Capacitor	Same as 205-1 (Note A)	Doubler plate bypass	Aerovox, C.D., Micamold, Sangamo, Solar	C58469-681
205-11		Capacitor	Same as 205-1 (Note A)	Doubler screen bypass	Aerovox, C.D., Micamold, Sangamo, Solar	C58469-681

NOTE A, Replace entire assembly in which this item is used.
*Any value from 600 to 1000 mmf acceptable. See table for alternate preference.

205-12		Capacitor	Same as 205-1 (Note A)	Doubler cathode bypass	Aerovox, C.D., Micamold, Sangamo, Solar	C58469-681
205-13		Capacitor	Same as 205-1 (Note A)	Doubler heater bypass	Aerovox, C.D., Micamold, Sangamo, Solar	C58469-681
205-14		Capacitor	Same as 205-1 (Note A)	Osc. heater bypass	Aerovox, C.D., Micamold, Sangamo, Solar	C58469-681
206	3Z6007-7	Resistor	100,000Ω ±5%, ½w, carbon, Allen-Bradley Type EB, Speer Type SI-½ (Note B)	R-f a-v-c filter	Speer, Allen-Bradley	3Z6007-7 A102975-104
207	3Z6756	Resistor	560,000Ω ±5%, ½w, carbon, Allen-Bradley Type EB, Speer Type SI-½ (Note B)	R-f grid leak	Speer, Allen-Bradley	A102975-564
208	3Z6033-1	Resistor	330Ω ±5%, ½w, carbon, Allen-Bradley Type EB, Speer Type SI-½ (Note B)	R-f cathode bias	Speer, Allen-Bradley	A102975-331
209	3Z6712	Resistor	120,000Ω ±5%, ½w, carbon, Allen-Bradley Type EB, Speer Type SI-½ (Note B)	R-f screen bleeder	Speer, Allen-Bradley	A102975-124
210	3Z6639	Resistor	39,000Ω ±5%, 1w, carbon (Note B)	R-f screen dropping	Erie	A18004-393
211-1	3Z6100-61	Resistor	1000Ω ±5%, ½w, carbon, Allen-Bradley Type EB, Speer Type SI-½ (Note B)	R-f plate dropping	Speer, Allen-Bradley	A102975-102
211-2	3Z6100-61	Resistor	Same as 211-1	Mixer cathode bias	Speer, Allen-Bradley	A102975-102
212	3C1074-8	Inductor	2-turns No. 14 A.W.G. soft-drawn tinned copper (Note A)	R-f plate coil	Bendix	A105065
213	3C1074-9	Inductor	2-turns No. 14 A.W.G. soft-drawn tinned copper (Note A)	Mixer grid coil	Bendix	A105066
214	3C1074-10	Inductor	1-turn No. 12 B & S (.080) soft-drawn tinned copper (Note A)	Doubler plate coil	Bendix	A104311

NOTE A, Replace entire assembly in which this item is used.
NOTE B, Replaceable with difficulty. Replace entire assembly in which item is used whenever possible.

Ref. No.	Stock No.	Name	Description	Function	Mfr.	Bendix Drawing Nos.
215-1	3D9047-4	Capacitor	47 mmf ±20%, 500v d-c test, mica, aged, Aerovox Type 1468ST or 1468LST, C.D. Type 5WST or 5WLST, Micamold Type O or OXM, Sangamo Type K, Solar MOFW or MOCW (Note A)	Mixer grid coupling	Aerovox, C.D., Micamold, Sangamo, Solar	C58469-470
215-2	3D9047-4	Capacitor	Same as 215-1 (This is replaceable)	A-v-c diode coupling	Aerovox, C.D., Micamold, Sangamo, Solar	C58469-470
216	3Z6801A8	Resistor	1.8 meg. ±5%, ½w, carbon, Speer Type No. SI-½, Allen-Bradley Type No. EB (Note B)	Mixer grid leak	Speer, Allen-Bradley	A102975-185
217	3Z6727-8	Resistor	270,000Ω ±5%, ½w, carbon, Speer Type No. SI-½, Allen-Bradley Type No. EB (Note B)	Mixer screen dropping	Speer, Allen-Bradley	A102975-274
218	2C4439A/A2/1	Capacitor	2-section, variable (Note A)	Osc. and doubler tuning	Bendix	L7275 8-2 (or) AN91414-2
219-1	3Z6470	Resistor	4700Ω ±5%, ½w, carbon, Speer Type No. SI-½, Allen-Bradley Type No. EB (Note B)	Doubler plate filter	Speer, Allen-Bradley	A102975-472
219-2	3Z6470	Resistor	Same as 219-1 (Note B)	Osc. plate filter	Speer, Allen-Bradley	A102975-472
220	3Z6656-8	Resistor	56,000Ω ±5%, ½w, carbon, Speer Type No. SI-½, Allen-Bradley Type No. EB (Note B)	Doubler screen dropping	Speer, Allen-Bradley	A102975-563
221	3Z6056	Resistor	560Ω ±5%, ½w, carbon, Speer Type No. SI-½, Allen-Bradley Type No. EB (Note B)	Doubler cathode bias	Speer, Allen-Bradley	A102975-561
222	3Z6627	Resistor	27,000Ω ±5%, ½w, carbon, Speer Type No. SI-½, Allen-Bradley Type No. EB (Note B)	Doubler grid leak	Speer, Allen-Bradley	A102975-273

NOTE A, Replace entire assembly in which this item is used.
NOTE B, Replaceable with difficulty. Replace entire assembly in which item is used whenever possible.

223	3C1074-11	Inductor	7-turns No. 18 A.W.G. soft-drawn tinned copper (Note A)	H-f osc. coil	Bendix	A105061
224	3D9027-5	Capacitor	27mmf ±20%, 500v d-c test, mica, aged, Aerovox Type No. 1468ST or 1468LST, C.D. Type 5WST or 5WLST, Micamold Type O or OXM, Sangamo Type K, Solar Type MOFW or MOCW (Note B)	Doubler grid coupling	C.D., Aerovox, Micamold, Sangamo, Solar	C58469-270
225	3D9150-11	Capacitor	150mmf ±20%, 500v d-c test, mica, aged, Aerovox Type No. 1468ST or 1468LST, C.D. Type No. 5WST or 5WLST, Micamold Type O or OXM, Sangamo Type K, Solar Type MOFW or MOCW (Note B)	Osc. plate bypass	C.D., Aerovox, Micamold, Sangamo, Solar	C58469-151
226	3Z6647-2	Resistor	47,000Ω ±5%, ½w, carbon, Speer Type No. SI-½, Allen-Bradley Type No. EB (Note B)	Osc. grid leak	Speer, Allen-Bradley	A102975-473
227-1	3D9015-9	Capacitor	15mmf ±5%, 500v d-c test, ceramic, Type N750K	1st i-f pri. tuning temp. comp.	Erie	A25715-15
227-2		Capacitor	Same as 227-1	1st i-f sec. tuning temp. comp.	Erie	A25715-15
227-3		Capacitor	Same as 227-1	2nd i-f pri. tuning temp. comp.	Erie	A25715-15
227-4		Capacitor	Same as 227-1	2nd i-f sec. tuning temp. comp.	Erie	A25715-15
227-5		Capacitor	Same as 227-1	3rd i-f pri. tuning temp. comp.	Erie	A25715-15
227-6		Capacitor	Same as 227-1	3rd i-f sec. tuning temp. comp.	Erie	A25715-15
227-7		Capacitor	Same as 227-1	4th i-f pri. tuning temp. comp.	Erie	A25715-15
227-8		Capacitor	Same as 227-1	4th i-f sec. tuning temp. comp.	Erie	A25715-15

NOTE A, Replace entire assembly in which this item is used.
NOTE B, Replaceable with difficulty. Replace entire assembly in which item is used whenever possible.

Ref. No.	Stock No.	Name	Description	Function	Mfr.	Bendix Drawing Nos.
228-1	3D9060-1	Capacitor	60mmf ±2%, 500v d-c test, mica, aged, XM-262 case, Aerovox Type No. 1469, C.D. Type No. 5R	1st i-f pri. tuning	Aerovox, C.D.	C58495-600
228-2		Capacitor	Same as 228-1	1st i-f sec. tuning	Aerovox, C.D.	C58495-600
228-3		Capacitor	Same as 228-1	2nd i-f pri. tuning	Aerovox, C.D.	C58495-600
228-4		Capacitor	Same as 228-1	2nd i-f sec. tuning	Aerovox, C.D.	C58495-600
228-5		Capacitor	Same as 228-1	3rd i-f pri. tuning	Aerovox, C.D.	C58495-600
228-6		Capacitor	Same as 228-1	3rd i-f sec. tuning	Aerovox, C.D.	C58495-600
228-7		Capacitor	Same as 228-1	4th i-f pri. tuning	Aerovox, C.D.	C58495-600
228-8		Capacitor	Same as 228-1	4th i-f sec. tuning	Aerovox, C.D.	C58495-600
229-1	3C610	Inductor	Primary coil of assembly 231 (Note B)	Mixer plate coil	Bendix	A104206-1
229-2		Inductor	Secondary coil of assembly 231, same as 229-1 (Note B)	1st i-f grid coil	Bendix	A104206-1
229-3		Inductor	Primary coil of assembly 232, same as 229-1 (Note B)	1st i-f plate coil	Bendix	A104206-1
229-4		Inductor	Secondary coil of assembly 232, same as 229-1 (Note B)	2nd i-f grid coil	Bendix	A104206-1
229-5		Inductor	Primary coil of assembly 233, same as 229-1 (Note B)	2nd i-f plate coil	Bendix	A104206-1
229-6		Inductor	Secondary coil of assembly 233, same as 229-1 (Note B)	3rd i-f grid coil	Bendix	A104206-1
229-7		Inductor	Primary coil of assembly 234, same as 229-1 (Note B)	3rd i-f plate coil	Bendix	A104206-1
229-8		Inductor	Secondary coil of assembly 234, same as 229-1 (Note B)	2nd det. diode coil	Bendix	A104206-1
**230-1	3DA10-86	Capacitor	.0068 mfd ±20%, 300v d-c working, mica, aged	Mixer plate bypass	C.D., Aerovox, Micamold	A102967-8

NOTE B, Replaceable with difficulty. Replace entire assembly in which item is used whenever possible.
**Any value from .006-.01 Mfd acceptable. See table for alternate preference.

**230-2		Capacitor	Same as 230-1	H-V filter	C.D., Aerovox, Micamold	A102967-8
230-3		Capacitor	Same as 230-1	1st i-f a-v-c filter	C.D., Aerovox, Micamold	A102967-8
230-4		Capacitor	Same as 230-1	1st i-f cathode bypass	C.D., Aerovox, Micamold	A102967-8
230-5		Capacitor	Same as 230-1	1st i-f screen bypass	C.D., Aerovox, Micamold	A102967-8
230-6		Capacitor	Same as 230-1	1st i-f plate bypass	C.D., Aerovox, Micamold	A102967-8
230-7		Capacitor	Same as 230-1	2nd i-f a-v-c filter	C.D., Aerovox, Micamold	A102967-8
230-8		Capacitor	Same as 230-1	2nd i-f cathode bypass	C.D., Aerovox, Micamold	A102967-8
230-9		Capacitor	Same as 230-1	2nd i-f screen bypass	C.D., Aerovox, Micamold	A102967-8
230-10		Capacitor	Same as 230-1	2nd i-f plate bypass	C.D., Aerovox, Micamold	A102967-8
230-11		Capacitor	Same as 230-1	3rd i-f grid bypass	C.D., Aerovox, Micamold	A102967-8
230-12		Capacitor	Same as 230-1	3rd i-f cathode bypass	C.D., Aerovox, Micamold	A102967-8
**230-13		Capacitor	Same as 230-1	3rd i-f heater bypass	C.D., Aerovox, Micamold	A102967-8
230-14		Capacitor	Same as 230-1	3rd i-f screen bypass	C.D., Aerovox, Micamold	A102967-8
230-15		Capacitor	Same as 230-1	3rd i-f plate bypass	C.D., Aerovox, Micamold	A102967-8
230-16		Capacitor	Same as 230-1	A-v-c bus filter	C.D., Aerovox, Micamold	A102967-8

**Any value from .006–.01 Mfd acceptable. See table for alternate preference.

Ref. No.	Stock No.	Name	Description	Function	Mfr.	Bendix Drawing Nos.
230-17		Capacitor	Same as 230-1	1st a-f grid coupling	C.D., Aerovox, Micamold	A102967-8
230-18		Capacitor	Same as 230-1	2nd a-f grid coupling	C.D., Aerovox, Micamold	A102967-8
230-19		Capacitor	Same as 230-1	CW osc. plate bypass	C.D., Aerovox, Micamold	A102967-8
230-20		Capacitor	Same as 230-1	CW osc. screen (anode) bypass	C.D., Aerovox, Micamold	A102967-8
230-21		Capacitor	Same as 230-1	1st i-f cathode bypass	C.D., Aerovox, Micamold	A102967-8
**230-22		Capacitor	Same as 230-1	2nd i-f cathode bypass	C.D., Aerovox, Micamold	A102967-8
230-23		Capacitor	Same as 230-1	3rd i-f cathode bypass	C.D., Aerovox, Micamold	A102967-8
***230-24		Capacitor	Same as 230-1	CW osc. heater bypass	C.D., Aerovox, Micamold	A102967-8
231	2Z10001-2	Transformer	Includes 229-1, 229-2, 227-1, 227-2, 228-1, 228-2, 230-1	1st i-f assembly	Bendix	L73530-1
232	2Z10001	Transformer	Includes 229-3, 229-4, 227-3, 227-4, 228-3, 228-4	2nd i-f assembly	Bendix	L73531-1
233	2Z10001	Transformer	Includes 229-5, 229-6, 227-5, 227-6, 228-5, 228-6	3rd i-f assembly	Bendix	L73026-4
234	2Z10001.8	Transformer	Includes 229-7, 229-8, 227-7, 227-8, 228-7, 228-8	4th i-f assembly	Bendix	L73028-2
235-1	3Z6100-42	Resistor	1000Ω ±5%, ½w, carbon	Mixer plate filter	Erie	A18001-102
235-2		Resistor	Same as 235-1	1st i-f plate filter	Erie	A18001-102
235-3		Resistor	Same as 235-1	2nd i-f plate filter	Erie	A18001-102

**Any value from .006—.01 mfd acceptable. See table for alternate preference.
***Appears on all Radio Receivers BC-639-A with a serial number greater than 870.

235-4		Resistor	Same as 235-1	3rd i-f plate filter	Erie	A18001-102
236-1	3Z6700-9	Resistor	100,000Ω ±5%, ½w, carbon	1st i-f a-v-c filter	Erie	A18001-104
236-2		Resistor	Same as 236-1	2nd i-f a-v-c- filter	Erie	A18001-104
236-3		Resistor	Same as 236-1	3rd i-f grid leak	Erie	A18001-104
236-4		Resistor	Same as 236-1	A-f diode load	Erie	A18001-104
236-5		Resistor	Same as 236-1	A-f diode load	Erie	A18001-104
237-1	3Z6022-13	Resistor	220Ω, ±5%, ½w, carbon	1st i-f cathode bias	Erie	A18001-221
237-2		Resistor	Same as 237-1	2nd i-f cathode bias	Erie	A18001-221
237-3		Resistor	Same as 237-1	3rd i-f cathode bias	Erie	A18001-221
237-4		Resistor	Same as 237-1	CW osc. grid parasitic suppressor	Erie	A18001-221
238-1	3Z6647-11	Resistor	47,000Ω ±5%, ½w, carbon	1st i-f screen dropping	Erie	A18001-473
238-2		Resistor	Same as 238-1	2nd i-f screen dropping	Erie	A18001-473
238-3		Resistor	Same as 238-1	3rd i-f screen dropping	Erie	A18001-473
238-4		Resistor	Same as 238-1	CW osc. grid leak	Erie	A18001-473
239-1	3DB1.092	Capacitor	1.0 mfd ±10%, 100v d-c working, oil paper	Sens. control bus bypass	Aerovox	A104484
239-2		Capacitor	Same as 239-1	2nd audio cathode bypass	Aerovox	A104484
240	3F901-5	Milliammeter	0-1^ ma, Weston Model 506, G.E. Model DW-51, Westinghouse Model MX	TUNING METER	Weston, Westinghouse, G.E.	A104194-4
241	2Z7262-3	Potentiometer	300Ω ±20%, linear taper, Type J	THRESHOLD SENSITIVITY control	Allen-Bradley	A105022

Ref. No.	Stock No.	Name	Description	Function	Mfr.	Bendix Drawing Nos.
242	2Z7262-3M	Potentiometer	3000Ω ±20%, cathode taper, Type J	R-f gain control	Allen-Bradley	C58961
243	3Z9825-32	Switch	3-position, rotary	Selector switch	Mallory	C58583
244-1	3Z6801-2	Resistor	1.0 meg. ±5%, ½w, carbon, Speer Type No. SI-½, Allen-Bradley Type No. EB	A-v-c diode load	Allen-Bradley, Speer	A102975-105
244-2		Resistor	Same as 244-1	A-v-c bus filter	Allen-Bradley, Speer	A102975-105
245-1	3D9330-4	Capacitor	330mmf ±20%, 500v d-c working, mica, aged, Aerovox Type 1468ST or 1468LST, C.D. Type 5WST or 5WLST, Micamold Type O or OXM, Sangamo Type K, Solar Type MOFW or MOCW	A-f diode load filter	C.D., Aerovox, Micamold, Sangamo, Solar	C58469-331
245-2		Capacitor	Same as 245-1	1st audio plate r-f bypass	C.D., Aerovox, Micamold, Sangamo, Solar	C58469-331
246	3D9001E8	Capacitor	1.8 mmf ±50%, 500v d-c working, aged, Type 1468	CW osc. coupling	Aerovox	C56336-18
247	3D9220-1	Capacitor	220 mmf ±20%, 500v d-c test, mica, aged, Aerovox Type 1468ST or 1468LST, C.D. Type 5WST or 5WLST, Micamold Type O or OXM, Sangamo Type K, Solar Type MOFW or MOCW	A-f diode load filter	Aerovox, C.D., Micamold, Sangamo, Solar	C58469-221
248	3DA100-46	Capacitor	0.1 mfd ±10%, 400v d-c working, paper	1st audio cathode bypass	Micamold, Solar	A18015-104
249	3Z6618-16	Resistor	18,000Ω ±5%, ½w, carbon	A-v-c delay	Erie	A18001-183
250	3Z6220-7	Resistor	2200Ω ±5%, ½w, carbon	1st audio bias	Erie	A18001-222
251	2Z7262.1	Potentiometer	1 megohm, Type J	Audio volume control	Allen-Bradley	A102616
252	3Z6668-3	Resistor	68,000Ω ±5%, ½w, carbon	Audio attenuator	Speer, Allen-Bradley	A102975-683
253-1	3Z6633-6	Resistor	33,000Ω ±5%, ½w, carbon	Audio attenuator	Speer, Allen-Bradley	A102975-333
253-2		Resistor	Same as 253-1	Audio attenuator	Speer, Allen-Bradley	A102975-333

254	3Z9825-33	Switch	12-contact, 3-position, rotary, bakelite, special	Attenuator switch	Mallory	C58584
255	3Z6733-3	Resistor	330,000Ω ±5%, ½w, carbon	2nd audio grid leak	Erie	A18001-334
256	3Z6150-23	Resistor	1500Ω ±5%, 1w, carbon	2nd audio cathode bias	Erie	A18004-152
257	3DA6.800	Capacitor	.0068 mfd ±10%, 500v d-c test, aged	Output trans. tuning	Aerovox, Solar, C.D.	A25714-7
258	2Z10000.1	Transformer	Turns ratio primary to secondary 4.56 to 1.0, level 1 watt, response ±3db at 300-3000 cycles	Audio output	Bendix	A103058
259	2Z10000.1/1	Inductor	Primary coil of transformer 258 (Note A)	Audio transformer primary	Bendix	A103058
260	2Z10000.1/2	Inductor	Secondary coil of transformer 258 (Note A)	Audio transformer secondary	Bendix	A103058
261	2Z6470-13	Resistor	4700Ω ±5%, ½w, carbon	Output trans. center tap grounding	Erie	A18001-472
262-1	2Z5542	Phone jack	2-break circuits, JK-42, Western Electric No. 239A	Monitor jack	Western Electric	A103533
262-2		Phone jack	Same as 262-1	Tel. line jack	Western Electric	A103533
263	2Z7228-14.1	Jones plug	6-contact, phenolic, Type P-406-AB¾"	Power cable plug	Jones	A105106
264	3Z6470-5	Resistor	4700Ω ±5%, 1w, carbon	CW osc. plate dropping	Erie	A18004-472
265	3D9100-78	Capacitor	100 mmf ±10%, 500v d-c working, mica, Aerovox Type 1469, C.D. Type 5R	CW osc. plate tuning	Aerovox, C.D.	C56318-101
266	2C4439A/A3/1	Inductor	10 turns #22D.C.C. wire	CW osc. plate coil	Bendix	A106068-1
267	3D9004E7	Capacitor	4.7 mmf ±20%, 500v d-c test, mica, aged, Aerovox Type 1468ST or 1468LST, C.D. Type 5WST or 5WLST, Micamold Type O or OXM, Sangamo Type K, Solar Type MOFW or MOCW	CW osc. coupling	C.D., Aerovox, Micamold, Sangamo, Solar	C58469-047

NOTE A, Replace entire assembly in which this item is used.

Ref. No.	Stock No.	Name	Description	Function	Mfr.	Bendix Drawing Nos.
268	3Z6647-6	Resistor	47,000Ω ±5%, 1w, carbon	CW osc. screen (anode) dropping	Erie	A18004-473
269	2C4439A/A3/2	Inductor	10 turns #22D.C.C. wire, impregnated, tapped, 4½ turns from end opposite core-adjusting screw (Note A)	CW osc. grid coil	Bendix	A105036-1
270	3D9008V-4	Capacitor	Variable, 8-10 mmf max., Type "APC" (Note B)	CW osc. beat frequency control	Hamm.	A105041
271	3D9390	Capacitor	390 mmf ±5%, 500v d-c working, Aerovox Type 1469, C.D. Type 5R (Note B)	CW osc. grid tuning	Aerovox, C.D.	C56317-391
272	2C4439A/A3	CW osc. assembly	Includes 269, 270, 271, 276-2	Beat freq. osc.	Bendix	C58590-1
273	2Z8723.1	Socket	Socket for bayonet base bulb	Dial light socket	Bendix	A106260-1
274	2C4439A/A2	H-f osc. assembly	Includes 204-4, 204-5, 205-10 through -14, 218, 219-1, 219-2, 220, 221, 222, 223, 224, 225, 226, 276-1		Bendix	N91052-1
275	2C4439A/A1	R-f assembly	Includes 201, 202A, 202B, 202C, 203, 204-1, 204-2, 204-3, 205-1 through -9, 206, 207, 208, 209, 210, 211-1, 211-2, 212, 213, 214, 215-1, 216, 217		Bendix	N91050-1
****276-1	3DA1-65 IBM No. 291620340	Capacitor	1000 mmf ±20%, 500v d-c test, mica, aged, Aerovox Type 1468ST or 1468LST, C.D. Type 5WST or 5WLST, Micamold Type O or OXM, Sangamo Type K, Solar type MOFW or MOCW (Note B)	Osc. grid coupling	C.D., Aerovox, Micamold, Sangamo, Solar	C58469-102
276-2		Capacitor	Same as 276-1 (Note B)	CW osc. grid coupling	C.D., Aerovox, Micamold, Sangamo, Solar	C58469-102
276-3		Capacitor	Same as 276-1	B+ input filter	C.D., Aerovox, Micamold, Sangamo, Solar	C58469-102

****See Table for Alternate Preference.

NOTE A, Replace entire assembly in which this item is used.

NOTE B, Replaceable with difficulty. Replace entire assembly in which item is used whenever possible.

276-4		Capacitor	Same as 276-1	Heater input r-f filter	C.D., Aerovox, Micamold, Sangamo, Solar	C58469-102
VT-103	2T103	Tube VT-103	Duplex diode high-mu triode, Type 6SQ7	Det., 1st audio, a-v-c	Ken-Rad, R.C.A.	
VT-152	2T152	Tube VT-152	Power amplifier pentode, Type 6K6-G/GT	2nd audio	Ken-Rad, R.C.A.	
VT-202	2T202	Tube VT-202	Triode, Type 9002	H-f oscillator	Ken-Rad, R.C.A.	
VT-203	2T203	Tube VT-203	Remote cut-off pentode, Type 9003	R-f amplifier	Ken-Rad, R.C.A.	
VT-203	2T203	Tube VT-203	Remote cut-off pentode, Type 9003	Mixer	Ken-Rad, R.C.A.	
VT-203	2T203	Tube VT-203	Remote cut-off pentode, Type 9003	Doubler	Ken-Rad, R.C.A.	
VT-211	2T211	Tube VT-211	Semi-remote cut-off pentode, Type 6SG7	1st i-f amp.	Ken-Rad, R.C.A.	
VT-211		Tube VT-211	Semi-remote cut-off pentode, Type 6SG7	2nd i-f amp.	Ken-Rad, R.C.A.	
VT-211		Tube VT-211	Semi-remote cut-off pentode, Type 6SG7	3rd i-f amp.	Ken-Rad, R.C.A.	
VT-211		Tube VT-211	Semi-remote cut-off pentode, Type 6SG7	CW oscillator	Ken-Rad, R.C.A.	
	2Z8724	Socket	8-contact, for Tube VT-103	Tube socket	Amph.	A104087
		Socket	Same as above, for Tube VT-152	Tube socket	Amph.	A104087
		Socket	Same as above, for Tube VT-211	Tube socket	Amph.	A104087
		Socket	Same as above, for Tube VT-211	Tube socket	Amph.	A104087
		Socket	Same as above, for Tube VT-211	Tube socket	Amph.	A104087
		Socket	Same as above, for Tube VT-211	Tube socket	Amph.	A104087
	2Z8657-3	Socket	7-contact, complete with retainer ring, Type 78-7 PT, for Tube VT-202 (Note A)	Tube socket	Amph.	A102980
		Socket	Same as above, for Tube VT-203 (Note A)	Tube socket	Amph.	A102980
		Socket	Same as above, for Tube VT-203 (Note A)	Tube socket	Amph.	A102980

NOTE A, Replace entire assembly in which this item is used.

Ref. No.	Stock No.	Name	Description	Function	Mfr.	Bendix Drawing Nos.
		Socket	Same as above, for Tube VT-203 (Note A)	Tube socket	Amph.	A102980
	2C4439A/D1	Dial	99 to 158 mc calibration (Note A)	Tuning indicator	Bendix	C58586
	2Z5897	Pilot bulb	6-8 volt, .25amp., bayonet base, Model ATU-26	Illuminate dial	G.E.	A9320-1
	2Z2643.2	Clamp	To accommodate.1 ¼ tube base, interchangeable with Birtcher Corp. No. 926-B	Tube clamp	Westinghouse	A105391
	2C4439A/F1	Fitting	Antenna socket fitting		Bendix	A105912
	2Z3290.3	Coupling	Shaft coupling		Bendix	A104862-1
	6R57400-6	Wrench	Allen setscrew wrench, #6		Allen	A18190-6
	2Z5822	Knob	Phenolic knob with pointer	CW TONE CONTROL	Bendix	A104855-1
		Knob	Same as above	ATTENUATION control	Bendix	A104855-1
		Knob	Same as above	R-F GAIN INCREASE control	Bendix	A104855-1
		Knob	Same as above	AUDIO GAIN INCREASE control	Bendix	A104855-1
		Knob	Same as above	CW AND MANUAL-MANUAL-A-V-C control	Bendix	A104855-1
	2Z5822-4	Knob	Cast Knob with friction clutch	Tuning control	Bendix	A104891-1
	2Z4880-13 1BM No. 291620340	Dial Window	Transparent window with vertical hair line	Identification	Bendix	A104906
	2Z3717.8 1BM No. 291620340	Dial and hub	Frequency Indicator	Tuning	Bendix	AA102604-1
	6D7400T639A	Technical Order 8½" x 11"	Instruction Book for Operation and Maintenance of Radio Receiver BC-639-A	Instruction	Bendix	

NOTE A. Replace entire assembly in which this item is used.

Note: The following capacitors are listed in order of preference.

Ref. No.	*Bendix Dwg. No.*	*Sig. Corps Stock No.*	*Value*	*Dielectric*	*Mfg. Type*	*Mfg.*
205-1 to 205-14	C58469-681		680 mmf	Mica	1468ST or 1468LST, 5WST or 5WLST, O or OXM, K, MOFW or MOCW	Aerovox, C.D., Micamold, Sangamo, Solar
	C60324-681		680 mmf	Ceramic		Erie
	C60323-681		680 mmf	Ceramic		Muter
230-1 to 230-24	A102967-8		.0068	Mica	—	Aerovox, Micamold, C.D.
	C60290-682		.0068	Mica	—	Aerovox, C.D., Micamold, Solar
	C60255-682		.0068	Paper	—	Micamold
276-1 to 276-4	C58469-102		1000 mmf	Mica	1468ST or 1468LST, 5WST or 5WLST, O or OXM, K, MOFW or MOCW	Aerovox, C.D., Micamold, Sangamo, Solar
	C60324-102		1000 mmf	Ceramic	—	Erie
	C60323-102		1000 mmf	Ceramic	—	Muter

45. ADDRESSES OF MANUFACTURERS.

Abbreviation	*Manufacturer*	*Address*
Aero	Aerovox Corp.	New Bedford, Mass.
Allen	Allen Mfg. Corp.	Hartford, Conn.
Allen-Bradley	Allen-Bradley	Milwaukee, Wisc.
Amph.	American Phenolic Corp.	1250 Van Buren Street, Chicago, Ill.
Bendix	Bendix Radio Division of Bendix Aviation Corporation	Baltimore, Maryland.
C. D.	Cornell-Dubilier Corp.	1000 Hamilton Blvd., S. Plainfield, N. J.
Erie	Erie Resistor Corp.	Erie, Penna.
G. E.	General Electric Co.	3201 Walnut Street, Philadelphia, Penna.
G. E.	General Electric Co.	Lexington Building, Baltimore, Maryland.
Hamm.	Hammarlund Mfg. Co., Inc.	424 W. 33rd., Street, New York, N. Y.
Jones	Howard B. Jones	2300 Wabansia Street, Chicago, Ill.
Ken-Rad	Kenrad Tube & Lamp Corp.	Owensboro, Kentucky.
Mallory	P. R. Mallory & Co., Inc.	3029 E. Washington Street, Indianapolis, Ind.
Micamold	Micamold Radio Corp.	1087 Flushing Avenue, Brooklyn, N. Y.
R.C.A.	R.C.A. Radiotron Div. R.C.A. Mfg. Co. Inc.	401 Bergen Street Harrison, N. J.
Sangamo	Sangamo Electric Co.	136 Liberty Street, New York, N. Y.
Solar	Solar Mfg. Co.	Bayonne, N. J.
Speer	Speer Resistor Corp.	St. Marys, Penna.
Western Electric	Western Electric Co.	300 Central Avenue, Kearny, N. J.
Westinghouse	Westinghouse Electric Mfg.	501 E. Preston Street, Baltimore, Maryland.
Weston	Weston Electrical Inst. Corp.	Newark, N. J.